

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012800.D
 Acq On : 02 Dec 2020 02:04
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.417

Quant Time: Dec 02 02:34:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 00:53:21 2020
 Response via : Initial Calibration

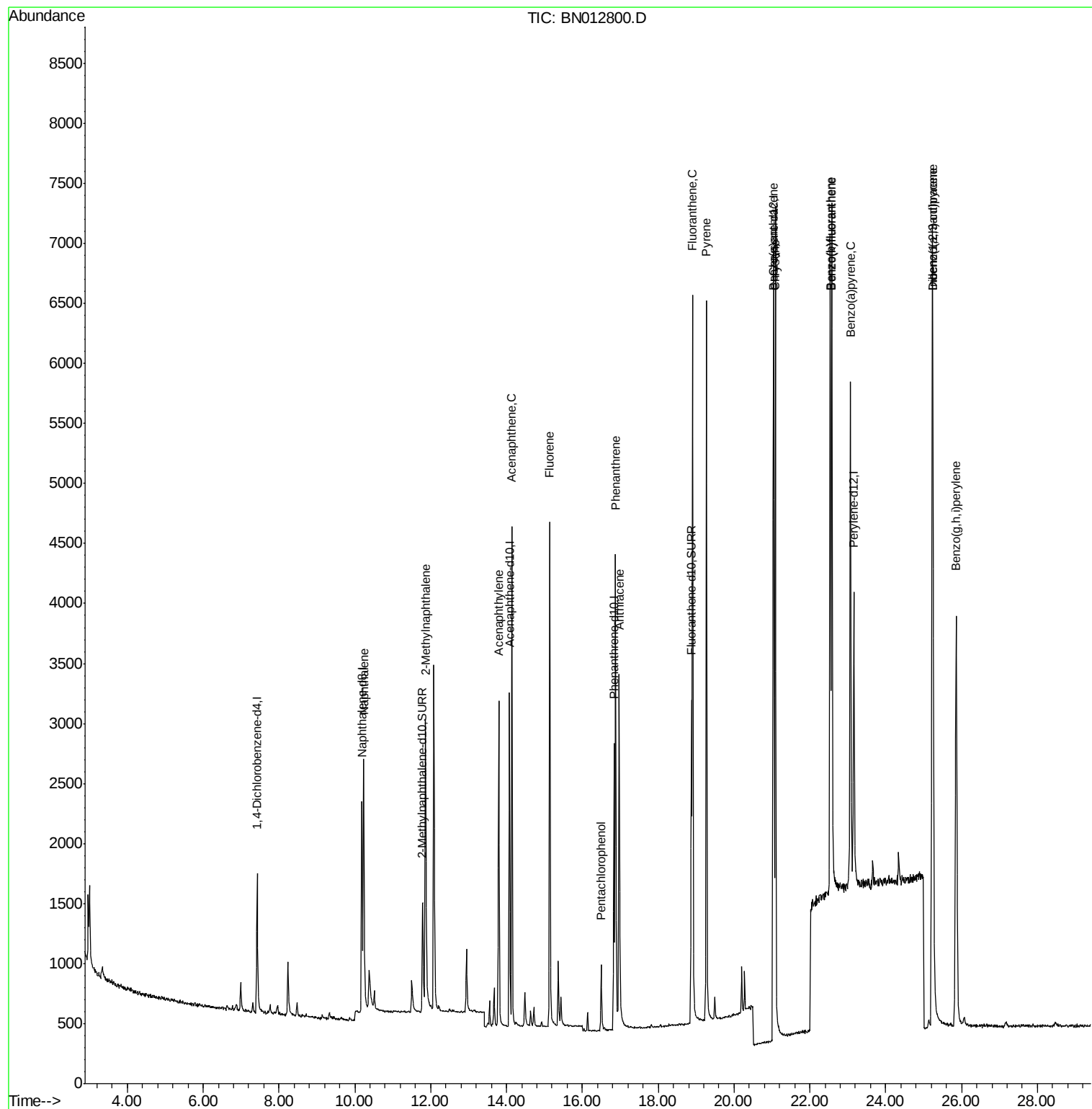
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	673	0.40	ng/ul	0.00
2) Naphthalene-d8	10.19	136	2659	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	1509	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	3153	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3033	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	2996	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1630	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	3237	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.24	128	3317	0.414	ng/ul	99
5) 2-Methylnaphthalene	11.86	142	2291	0.448	ng/ul	99
7) Acenaphthylene	13.80	152	3316	0.451	ng/ul	99
8) Acenaphthene	14.14	153	2515	0.406	ng/ul	98
9) Fluorene	15.14	166	2833	0.416	ng/ul	97
11) Pentachlorophenol	16.50	266	460	0.459	ng/ul	94
12) Phenanthrene	16.88	178	4476	0.408	ng/ul	98
13) Anthracene	16.97	178	4018	0.421	ng/ul	99
15) Fluoranthene	18.91	202	5548	0.438	ng/ul	98
17) Pyrene	19.27	202	5703	0.420	ng/ul	98
18) Benzo(a)anthracene	21.03	228	5581	0.513	ng/ul	99
19) Chrysene	21.09	228	6670	0.491	ng/ul	100
21) Benzo(b)fluoranthene	22.54	252	6612	0.480	ng/ul	94
22) Benzo(k)fluoranthene	22.58	252	7295	0.459	ng/ul	97
23) Benzo(a)pyrene	23.07	252	6303	0.486	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.23	276	8131	0.479	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.24	278	6499	0.477	ng/ul	95
26) Benzo(g,h,i)perylene	25.86	276	6986	0.458	ng/ul	98

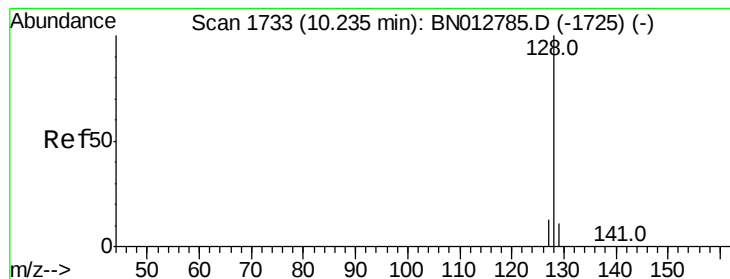
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012800.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 02 02:34:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
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#3

Naphthalene

Concen: 0.414 ng/ul

RT: 10.24 min Scan# 1733

Delta R.T. 0.00 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.417

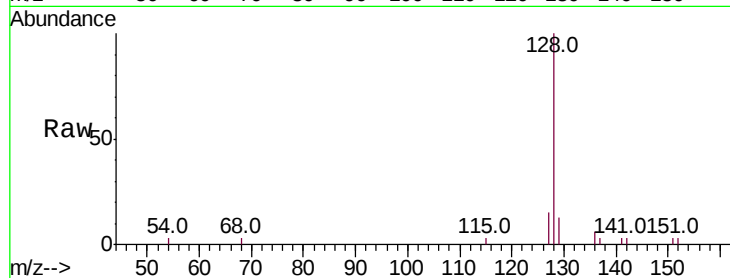
Tot Ion:128 Resp: 3317

Ion Ratio Lower Upper

128 100

129 13.2 11.2 16.8

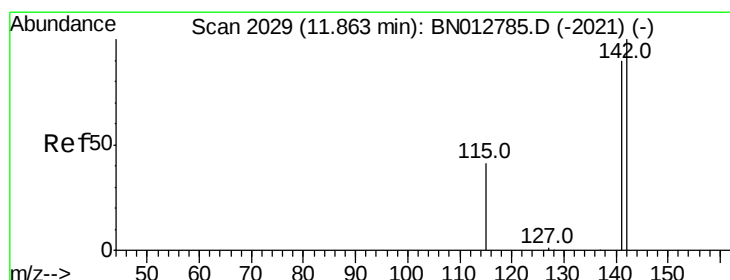
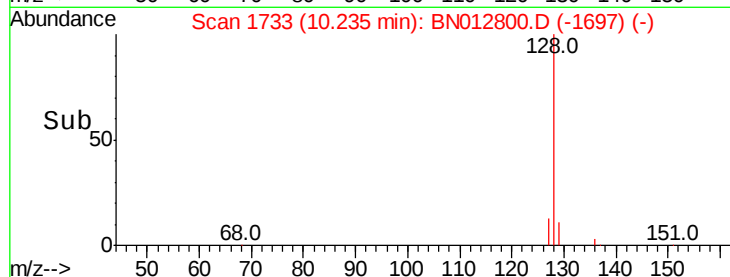
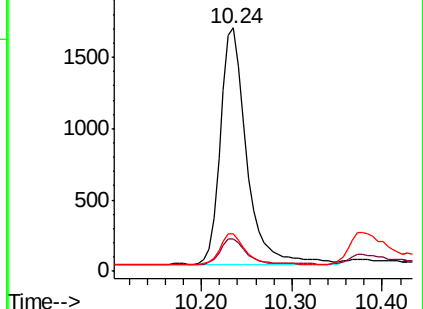
127 15.4 12.5 18.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.448 ng/ul

RT: 11.86 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BN012800.D

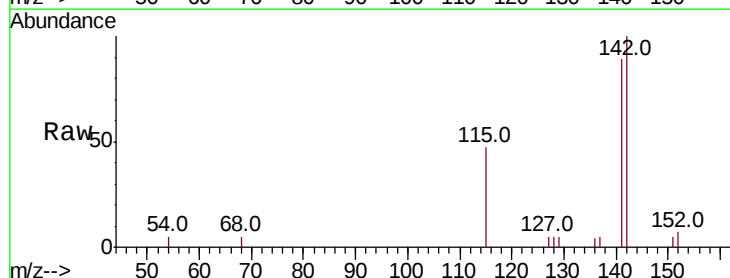
Acq: 02 Dec 2020 02:04

Tgt Ion:142 Resp: 2291

Ion Ratio Lower Upper

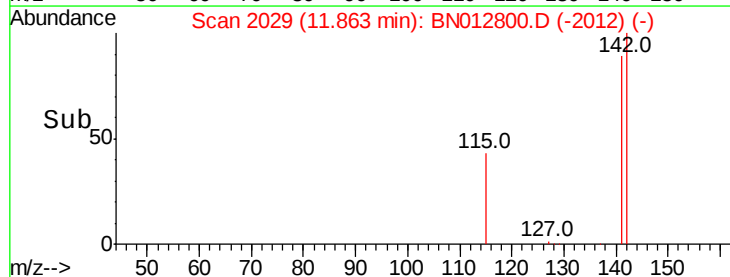
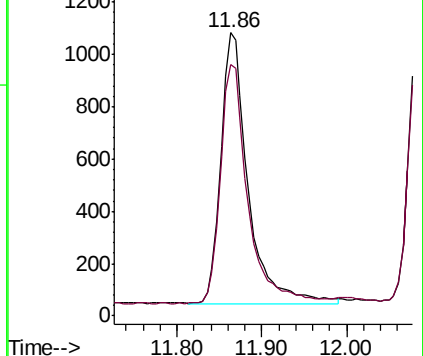
142 100

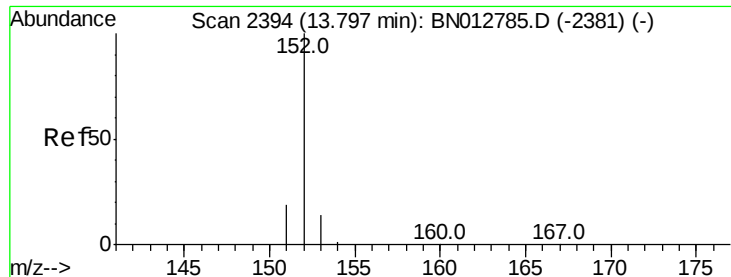
141 89.7 72.3 108.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.451 ng/ul

RT: 13.80 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.417

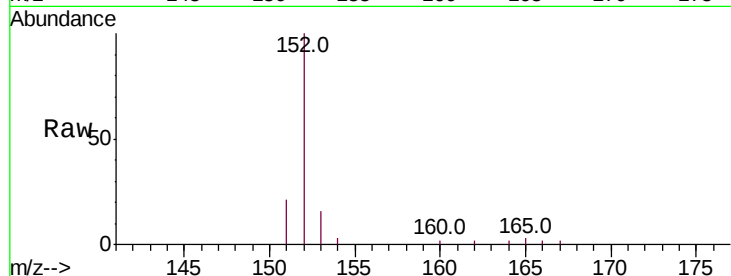
Tot Ion:152 Resp: 3316

Ion Ratio Lower Upper

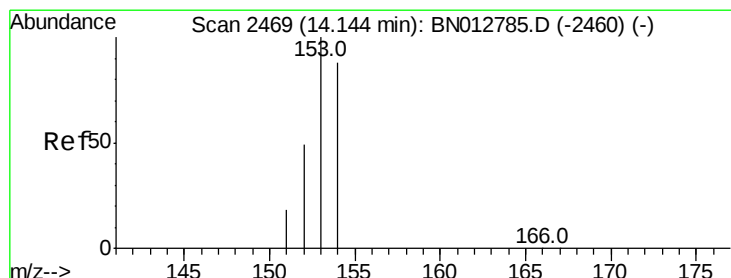
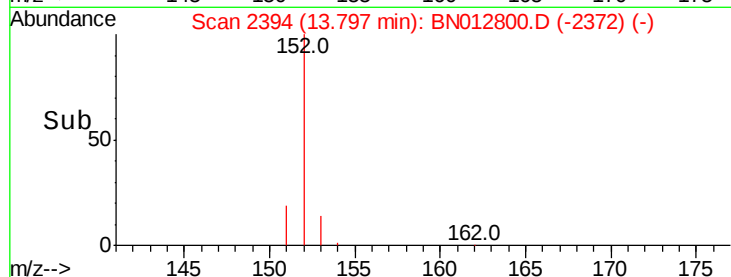
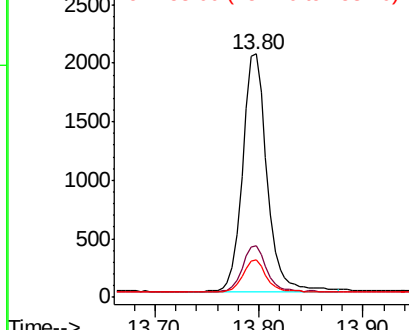
152 100

151 21.2 17.1 25.7

153 15.5 12.6 19.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.406 ng/ul

RT: 14.14 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

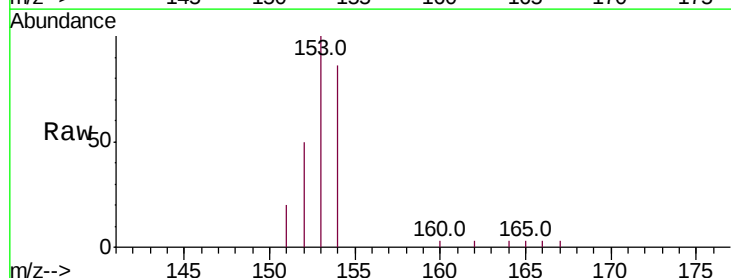
Tgt Ion:153 Resp: 2515

Ion Ratio Lower Upper

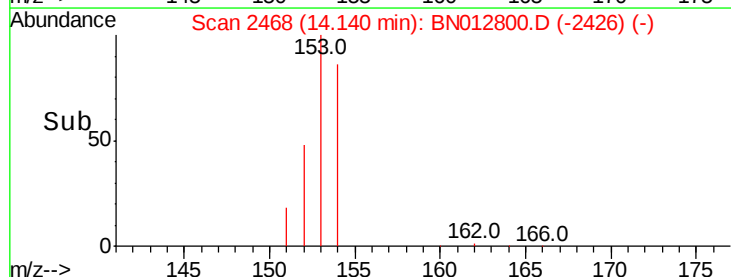
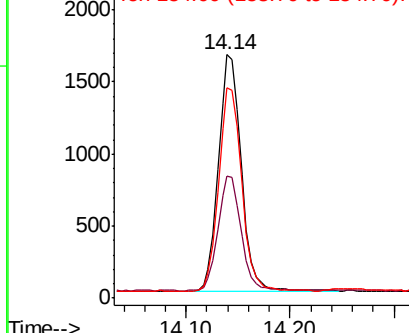
153 100

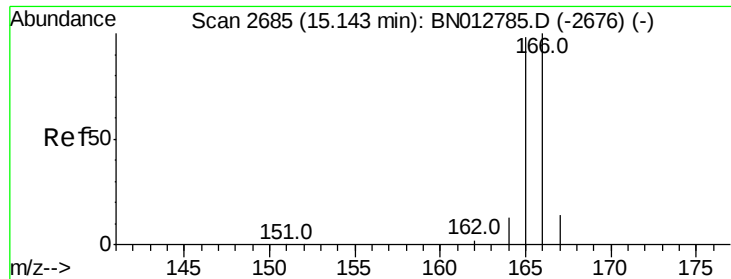
152 50.2 41.4 62.0

154 86.3 70.9 106.3



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.416 ng/ul

RT: 15.14 min Scan# 2684

Delta R.T. -0.00 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.417

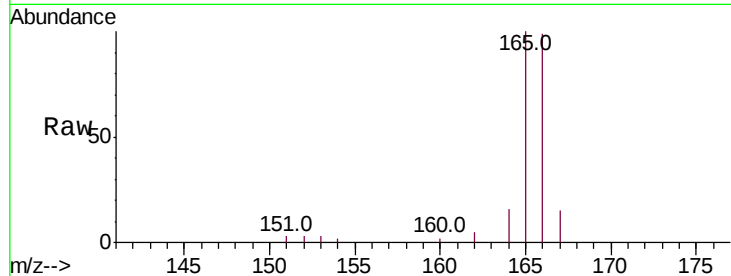
Tot Ion:166 Resp: 2833

Ion Ratio Lower Upper

166 100

165 101.3 78.5 117.7

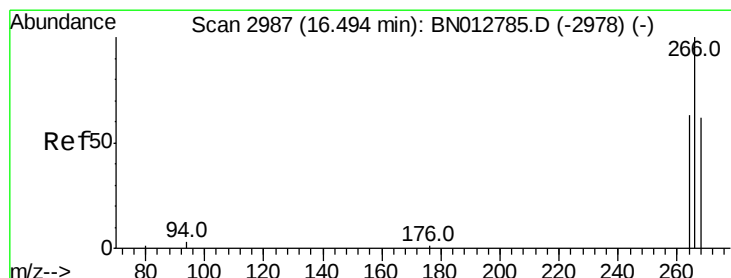
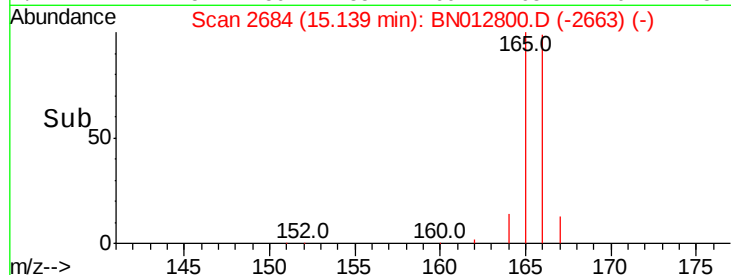
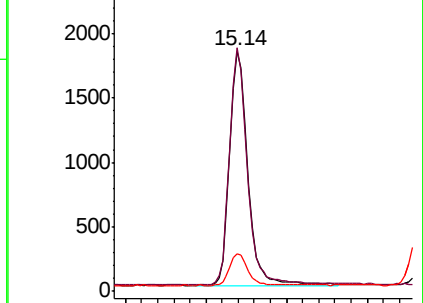
167 15.4 12.7 19.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.459 ng/ul

RT: 16.50 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

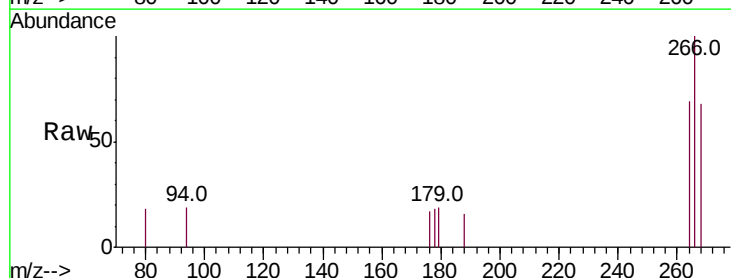
Tgt Ion:266 Resp: 460

Ion Ratio Lower Upper

266 100

264 62.8 51.0 76.6

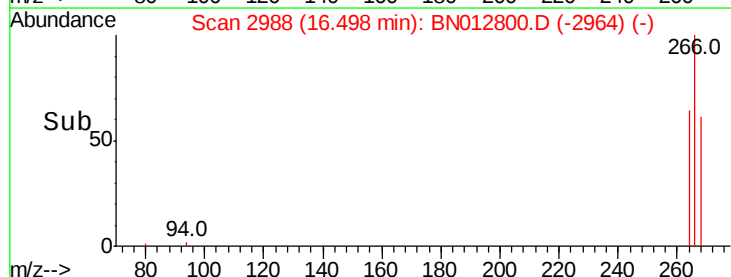
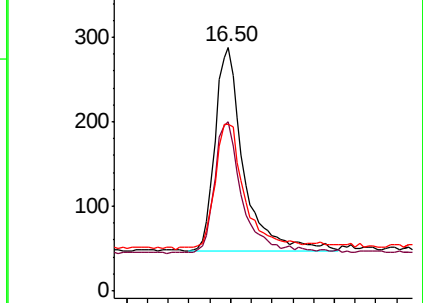
268 67.4 47.8 71.6

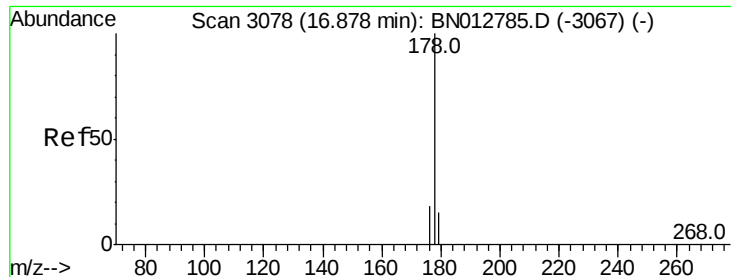


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.408 ng/ul

RT: 16.88 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.417

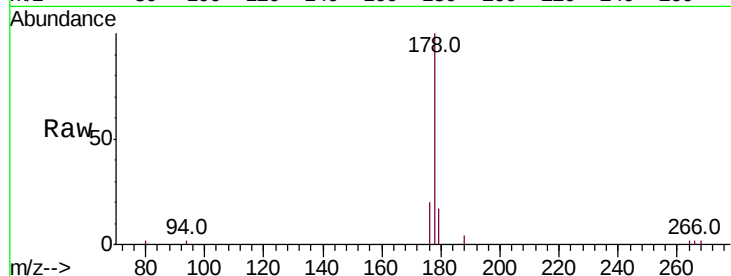
Tot Ion:178 Resp: 4476

Ion Ratio Lower Upper

178 100

179 16.5 13.8 20.6

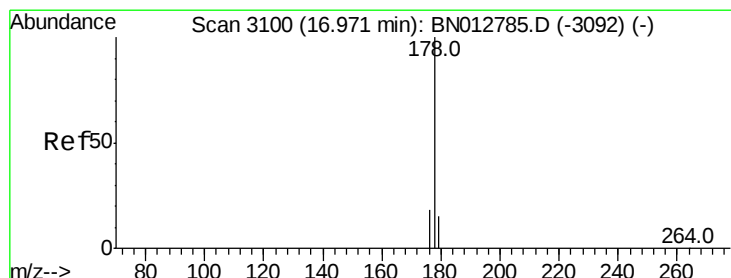
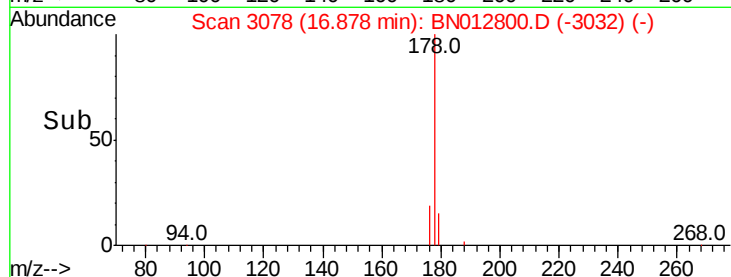
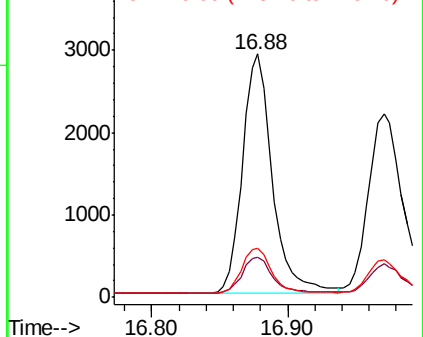
176 20.1 16.7 25.1



Abundance Ion 178.00 (177.70 to 178.70): E

4000 Ion 179.00 (178.70 to 179.70): E

3000 Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.421 ng/ul

RT: 16.97 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

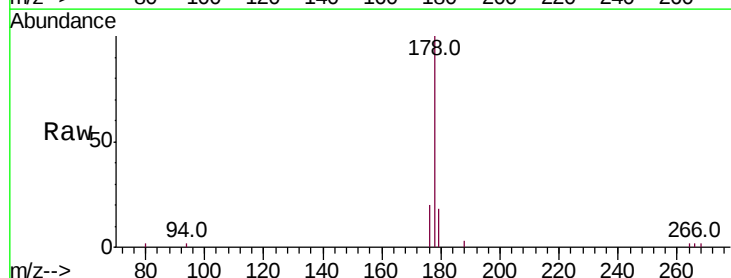
Tgt Ion:178 Resp: 4018

Ion Ratio Lower Upper

178 100

179 18.1 14.8 22.2

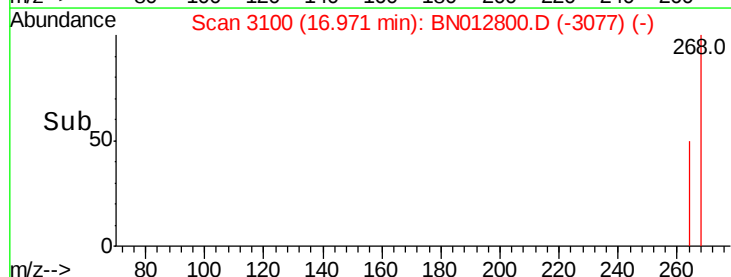
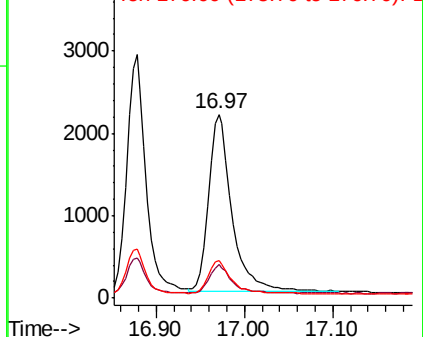
176 20.2 16.3 24.5

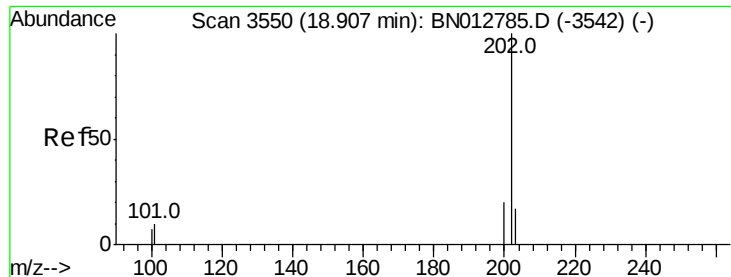


Abundance Ion 178.00 (177.70 to 178.70): E

4000 Ion 179.00 (178.70 to 179.70): E

3000 Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.438 ng/ul

RT: 18.91 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

Instrument :

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ClientSampleId :

SSTD0.417

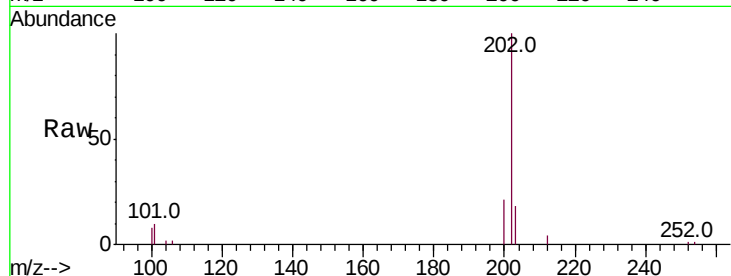
Tot Ion:202 Resp: 5548

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.5

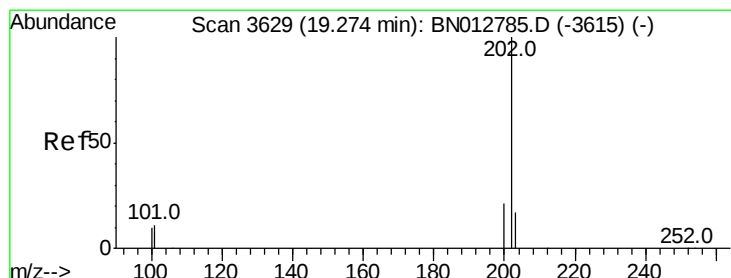
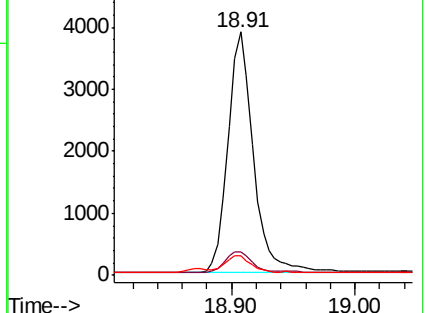
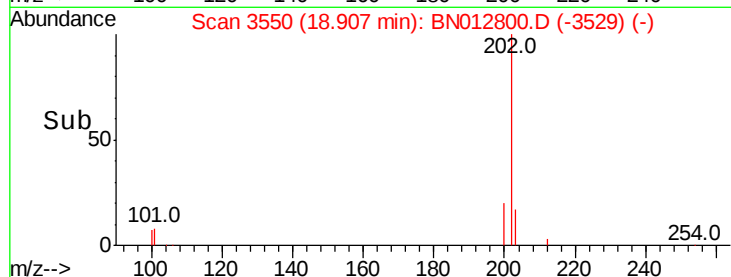
100 8.0 0.0 28.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.420 ng/ul

RT: 19.27 min Scan# 3628

Delta R.T. -0.00 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

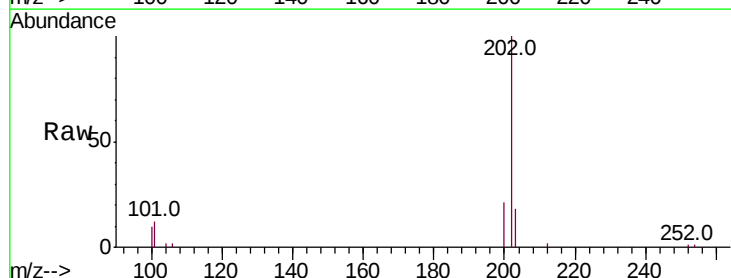
Tgt Ion:202 Resp: 5703

Ion Ratio Lower Upper

202 100

101 12.0 8.9 13.3

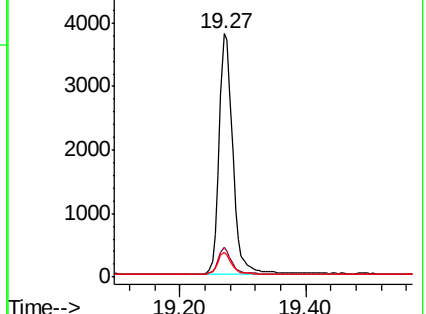
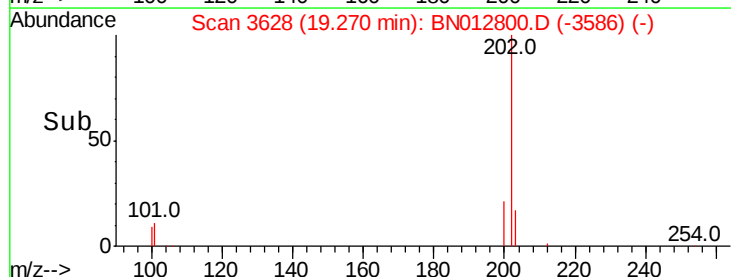
100 10.2 7.4 11.2

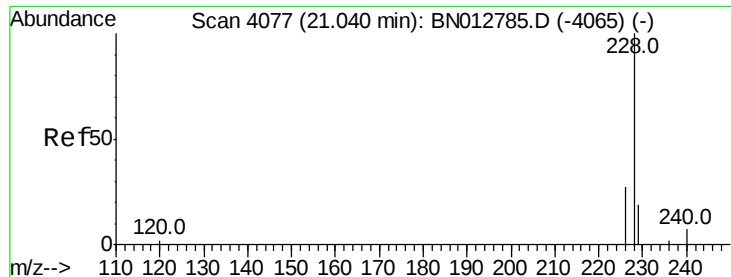


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.513 ng/ul

RT: 21.03 min Scan# 4075

Delta R.T. -0.01 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.417

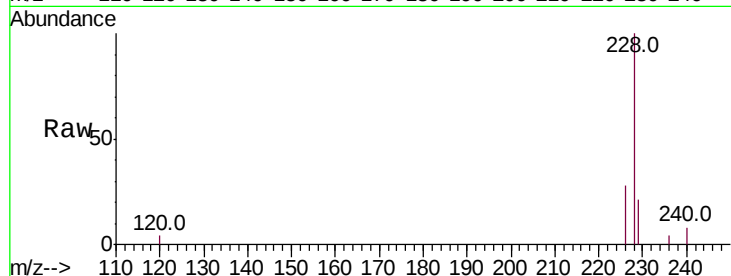
Tot Ion:228 Resp: 5581

Ion Ratio Lower Upper

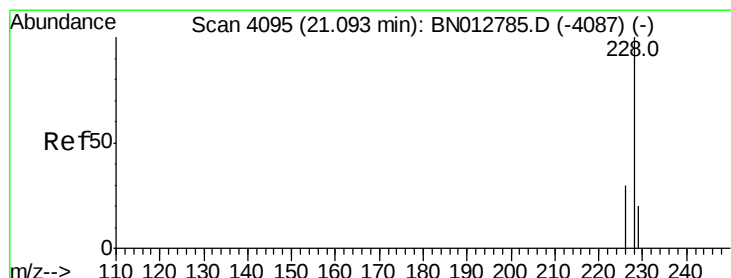
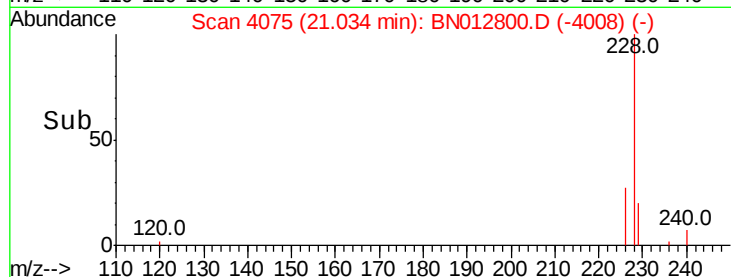
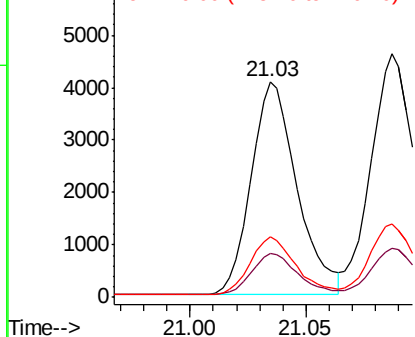
228 100

229 20.7 16.9 25.3

226 28.2 23.1 34.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.491 ng/ul

RT: 21.09 min Scan# 4093

Delta R.T. -0.01 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

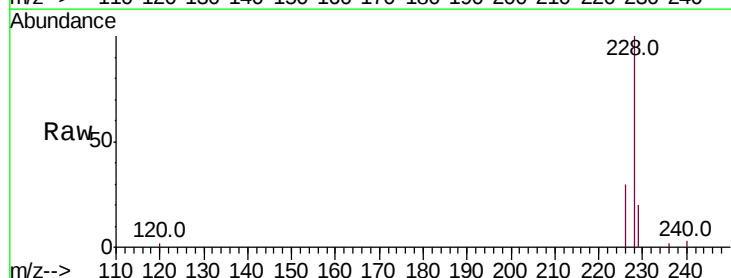
Tgt Ion:228 Resp: 6670

Ion Ratio Lower Upper

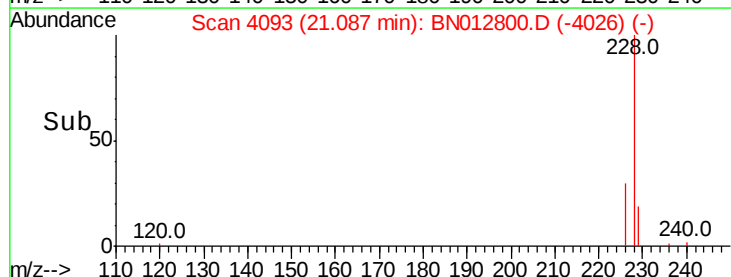
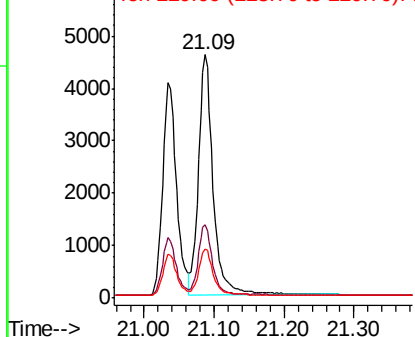
228 100

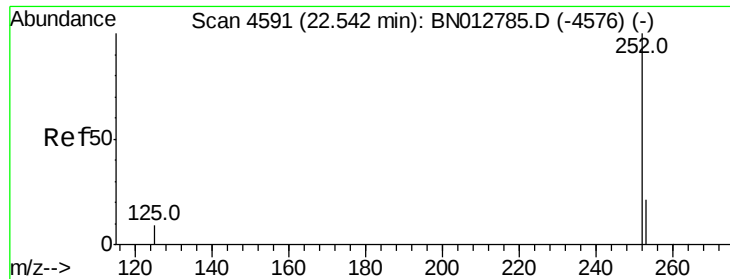
226 30.4 24.4 36.6

229 19.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.480 ng/u1

RT: 22.54 min Scan# 4589

Delta R.T. -0.01 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

Instrument :

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ClientSampleId :

SSTD0.417

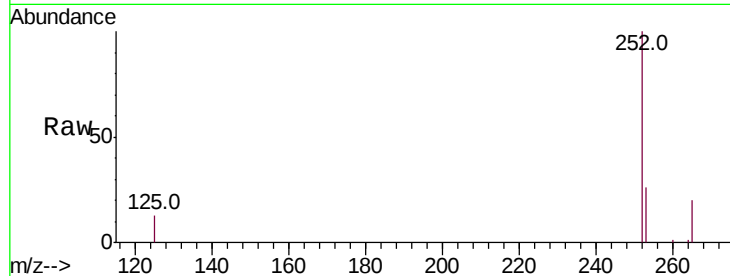
Tot Ion:252 Resp: 6612

Ion Ratio Lower Upper

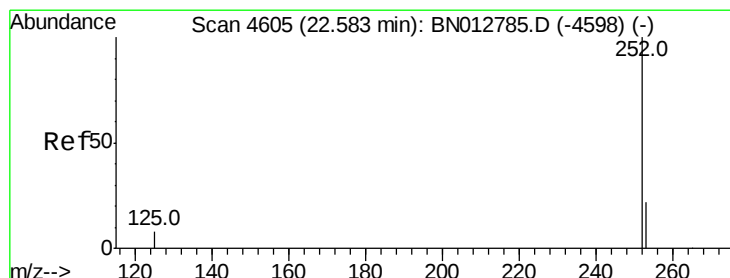
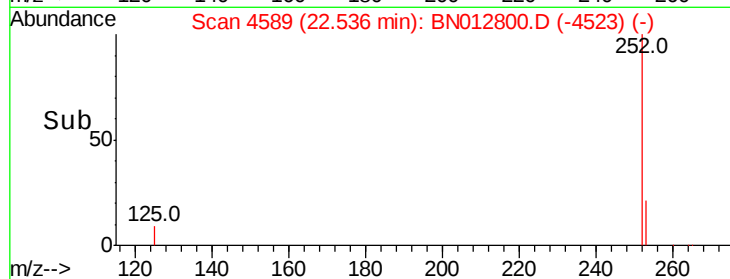
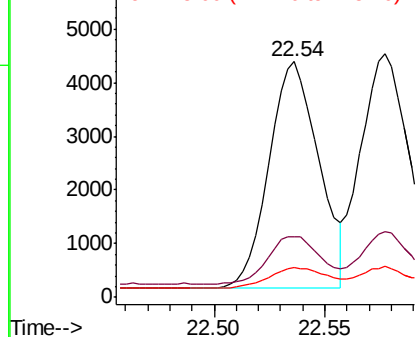
252 100

253 25.8 0.0 58.4

125 12.7 0.0 28.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.459 ng/u1

RT: 22.58 min Scan# 4603

Delta R.T. -0.01 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

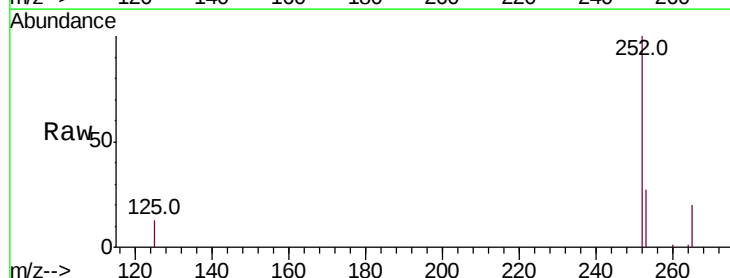
Tgt Ion:252 Resp: 7295

Ion Ratio Lower Upper

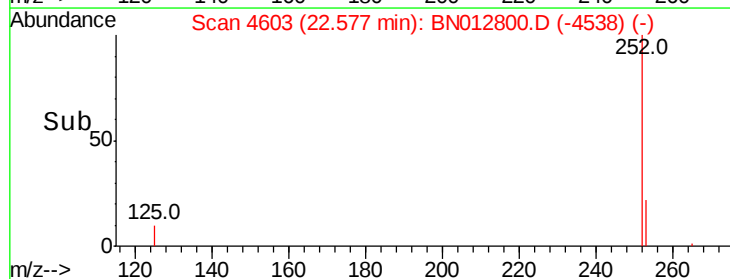
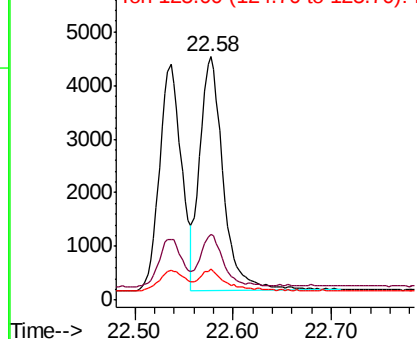
252 100

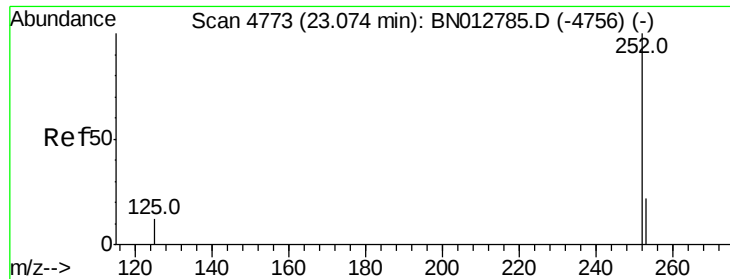
253 26.9 23.4 35.2

125 12.7 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.486 ng/ul

RT: 23.07 min Scan# 4771

Delta R.T. -0.01 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.417

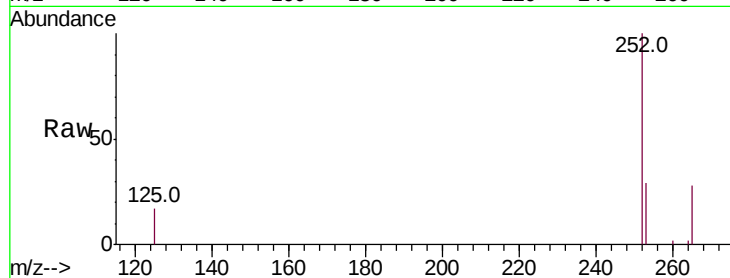
Tot Ion:252 Resp: 6303

Ion Ratio Lower Upper

252 100

253 29.4 27.6 41.4

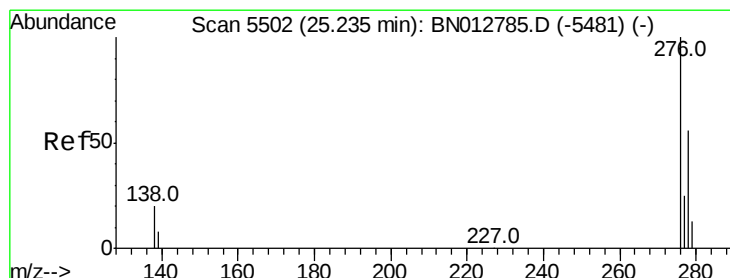
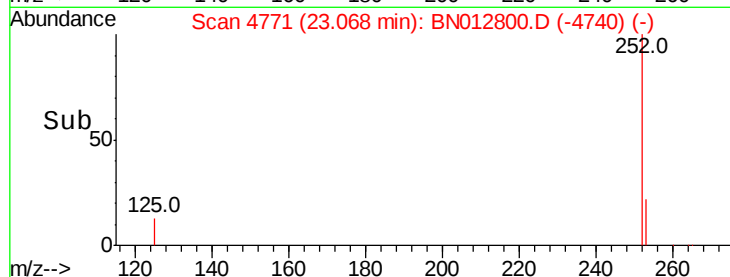
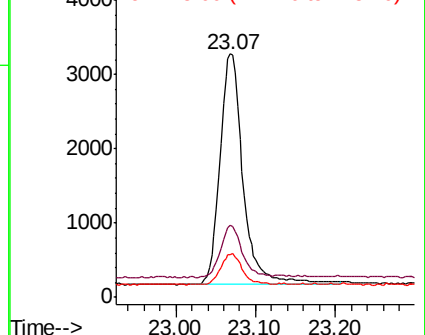
125 17.5 17.0 25.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.479 ng/ul

RT: 25.23 min Scan# 5500

Delta R.T. -0.01 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

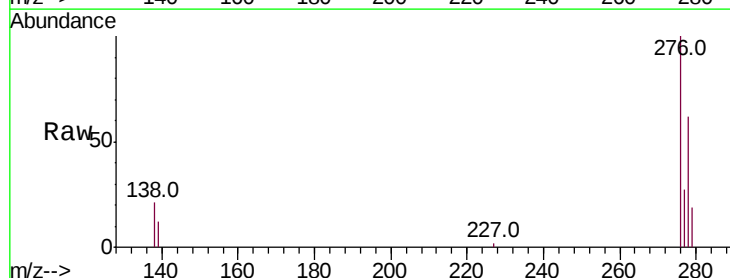
Tgt Ion:276 Resp: 8131

Ion Ratio Lower Upper

276 100

138 19.8 16.5 24.7

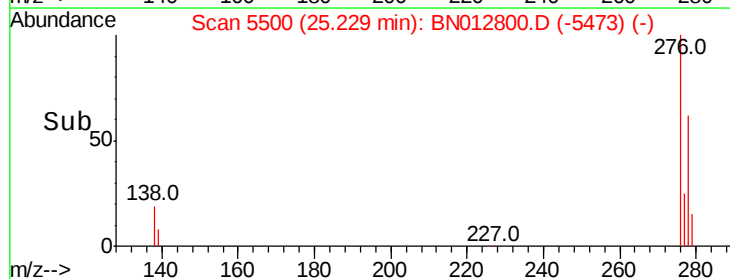
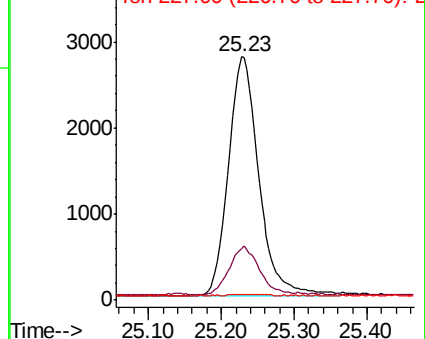
227 0.1 0.1 0.1#

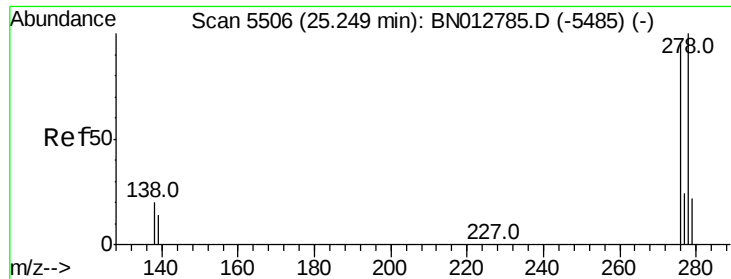


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.477 ng/ul

RT: 25.24 min Scan# 5504

Delta R.T. -0.01 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.417

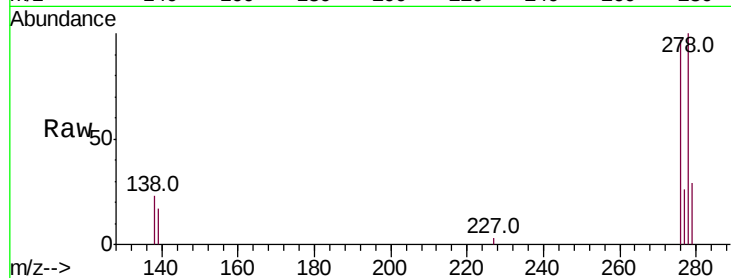
Tot Ion:278 Resp: 6499

Ion Ratio Lower Upper

278 100

139 16.5 13.8 20.8

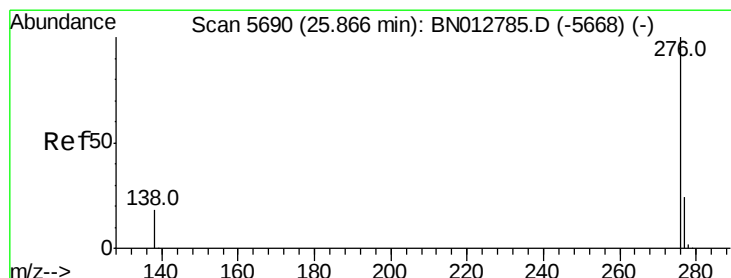
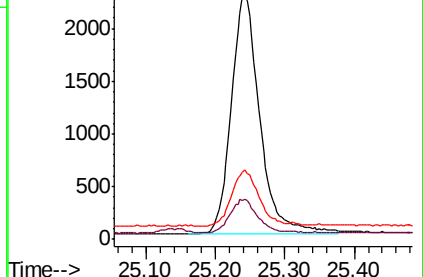
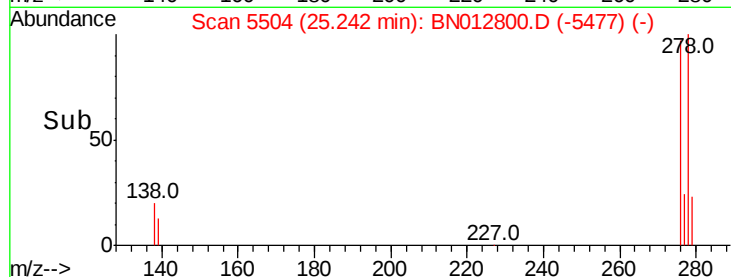
279 28.5 25.6 38.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.458 ng/ul

RT: 25.86 min Scan# 5687

Delta R.T. -0.01 min

Lab File: BN012800.D

Acq: 02 Dec 2020 02:04

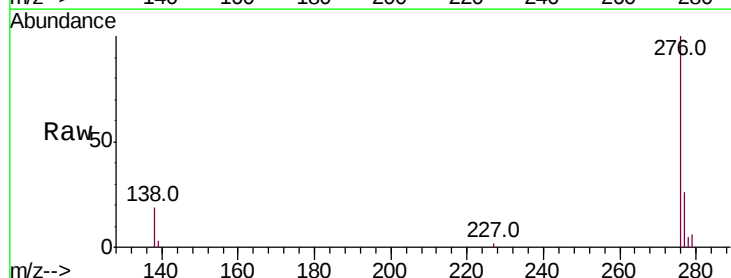
Tgt Ion:276 Resp: 6986

Ion Ratio Lower Upper

276 100

138 19.4 16.3 24.5

277 26.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

